PLANTING SPECIFICATION

These implementation and maintenance guidelines are for planning purposes only to indicate the level of workmanship to be specified and do not constitute a detailed specification.

- 1.1. All landscape operatives will be appropriately trained, certified and qualified to undertake the tasks required. When required, the relevant certificates will be made available for inspection. All work is to be carried out in accordance with the relevant British Standards, Codes of Practice and Legislation.
- 1.2. All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the HTA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE.
- 1.3. Planting shall not be carried out when the ground is waterlogged, frost bound or during periods of cold drying winds. All bareroot planting stock will be kept covered until actually planted in order to minimise water-loss and prevent the roots from drying out. Tree handling, storage and planting shall be in accordance with BS 8545 Chapters 9 to 10 and Annexes E to F.
- 1.4. The landscape contractor shall maintain all areas of new planting for a period of 12 months following practical completion. All stock deemed to be dead, dying or diseased within the defects period shall be replaced by the con at his own cost.

2 TREE PLANTING

Ground Preparation and Tree Pit Excavation

- 2.1. Where necessary treat existing weeds with a glyphosate based herbicide and allow a suitable period to elapse, as recommended by the manufacturer, for the herbicide to take effect.
- 2.2. Tree pits of at least 75mm diameter greater than the root system and no deeper than the rootball/container depthare to be excavated and the sides well scarified to prevent smearing. All extraneous matter such as plastic, wood, metal and stones greater than 50mm in any dimension shall be removed from site.
- 2.3. During excavation of the pit, the soil dug should be placed to one side separating topsoil and subsoil as far as is

- 2.4. Trees shall be planted as per the planting arrangement as set out on the planting plan and plant schedule.
- 2.5. The typical rooting depth for trees is 900mm. The first 300mm shall be made up of topsoil; it shall be ensured that a suitable subsoil provides the remainder of the minimum rooting depth.
- 2.6. The root system of the tree should be wetted prior to planting. The tree should be planted at the correct depth taking into account the position of the root flare and the finished level - the rootball or root stem transition should be level with the existing host soil or surface. The base of the rootball should typically sit on subsoil, for larger rootballs the subsoil will sit around the lower portion of the rootball.
- 2.7. Tree pits should be backfilled with the excavated topsoil, if the original topsoil is not available or deemed unsuitable, a multi-purpose topsoil should be used. Any subsoil excavated should be discarded and the subsoil deept beyond 300mm deept backfilled with a high sand content subsoil. Backfill should be added gradually, in layers of 150mm to 200mm depth, ensuring the tree is held upright at each stage the fill should be firmed in to eliminate all air pockets under and around the root system, but with care being taken not to excessively compact the soil. The final layer should not be consolidated.
- 2.8. General-purpose slow release fertiliser (at the rate of 75gm/m2) and Tree Planting and Mulching Compost at the rate of (20litres/m2) are to be incorporated into the top 150mm of topsoil during final cultivations.
- 2.9. Extra heavy standard sized trees are to be double staked with 75mm dia stakes. Stakes should be driven at least 300mm into undisturbed ground before planting the tree, taking care to avoid underground services and cables etc. and should typically be one third the height of the tree stem above ground.
- 2.10. Trees shall be secured to stakes with suitable proprietary rubber tree ties and spacers
- 2.11. Immediately after planting, but before applying the below bark mulch, all trees should be saturated to field capacity,
- 2.12. Ornamental composted bank mulch will be spread to a depth of 75mm across a 1.0m dia circle around individual trees ensuring that the root flare and base of the stem, along with any ground cover plants, are not buried.

- In the autumn following planting the CA/landscape contractor will prepare a list of all trees which are dead, dying or diseased and are to be replaced during the following planting season. All stock deemed to be dead, dying or diseased within the defects period shall be replaced by the contractor at his own cost.
- 2.14. The site is to be visited quarterly throughout the year to undertake the following operations
- Weed clearance: All tree pits are to be kept weed free by hand weeding or herbicide treatment. The bark mulch shall be topped up at least once annually
- Litter clearance: All litter is to be removed from tree planting areas.
- Watering: All trees are to be watered during the growing season following any dry periods of 7 days.
- Checking trees: All tree ties and stakes are to be checked and adjusted if too loose, too tight or if chaffing is
 occurring. Any broken stakes are to be replaced.
- Formative pruning: Any damaged shoots/branches are to be pruned back to healthy wood. Trees are to be pruned in accordance with good horticultural practice (BS 3998) to maintain healthy well-shaped specimens which are appropriately shaped for their circumstances

- 3.1. Shrub plants are to be set out as shown on the drawing and pit planted into the prepared soil at the specified densities
- Recommended rooting depths are 600mm for shrubs/herbaceous plants. Multi-purpose topsoil depths shall be 900mm for shrubs, ensuring that a suitable subsoil shall provide the remainder of the minimum rooting depth. Before receiving topsoil, subsoils should be loosened using ripping equipment, this shall be done when the subsoil is dry to encourage soil shattering. All stones and other objects larger than 50 mm shall be removed from the prepared surface.
- 3.3. Within the day of planting shrubs, plants should be saturated to field capacity, this shall be done before applying the
- 3.4. Spread ornamental pine bark mulch to a depth of 75mm across all new planted areas, taking care not to bury

A NATIVE TREE AND SHRIJR PLANTING

4.1. Cut existing rough grass and weeds to between 20mm and 30mm and remove 300x300mm squares of turf at the planting density of 1m².

4.2. The minimum overall recommended rooting depth for shrubs is 600mm and for trees is 900mm. The first 300mm shall be made up of multi-purpose topsoil; it shall be ensured that as uitable subsoil provides the remainder of the minimum rooting depth. Before receiving topsoil, it shall be ensured that a suitable subsoil provides the remainder of the minimum rooting depth. Before receiving topsoil, subsoils should be loosened using ripping equipment; this shall be done when the subsoil is dry to encourage soil shattering. All stones and other objects larger than 50 mm shall be removed from the prepared surface. 4.3. Shrub / tree planting is to be as per the planting pattern as set out on the planting plan and planting schedule, with shrubs / trees planted at even spaces into the prepared soil at the specified number per centre, with minimal disturbance to the rootball, and well firmed in Planting should avoid man-made grids and lines, and should group ecies together in groups of 5-7 plants. Spread ornamental pine bark mulch to a depth of 75mm to a 900mm diamete

GANEHONISE SE

- 2 no. Acer platanoides

Shrub Mix

9 no. Cornus sanguinea

9 nø. Hypericum 'Hidcote' 9 no. Osmanthus x hurkwoodii

9 no. Sambucus nigra 'Aurea' 9 no. Viburnum tinus 'Eve Price'

9 no. Rosa canina

Shrub Mix

no. Pinus sylvestris

-2 no. Tilia cordata

15 no. Cornus sanguinea

15 no. Hypericum 'Hidcote'

9 no. Cornus stolonifera 'Flaviramea' 9 no. Elaeagus x ebbingei

15 no. Cornus stolonifera 'Flaviramea'

1 no. Pinus sylvestris

-705 no. Prunus lusitanica

1 no. Acer platanoides

1 no. Pinus sylvestris

- 4.4. All bare-root planting stock will be protected from rabbit damage using approved proprietary 0.6m (for shrub species) or 1.2m (for tree species) plastic shrub/tree guards, supported with 0.9m (or 1.35m for trees) x 32mm x 32mm softwood stakes as advised by the manufacturer
- 4.5. All container-grown planting stock will be protected from rabbit damage using approved proprietary 600mm plastic shrub shelters, supported with 0.7m x 32mm x 32mm softwood stakes as advised by the manufacturer.

4.6. Using approved herbicides, a 900mm diameter circle centred on each planting station shall be kept weed free throughout the maintenance period. In the autumn following planting the CA will prepare a list of all plants which are dead, dying or diseased and are to be replaced during the following planting season.

PLANTING SCHEDULE

Tree Planting

Uty	Species	Girth (cm)	Height (cm)	Form	Clear Stem	Container
	· ·		-		(cm)	Size
5	Acer platanoides	14-16	425-600	Extra Heavy Standard	175-200	75L
4	Betula pendula (ms)	-	250-300	Multi- Stem (3 Stems)	-	75L
6	Corylus avellana (ms)	-	250-300	Multi- Stem (3 Stems)	-	75L
4	Pinus sylvestris	n/a	250-300	Extra Heavy Standard	min 200	RB
3	Tilia cordata	14-16	425-600	Extra Heavy Standard	175-200	75L

Qty	Species	Height (cm)	Specification	Pot size	Density
24	Cornus sanguinea	60-80	Branched 1+2	В	3/m²
24	Cornus stolonifera 'Flaviramea'	60-80	Branched C	3L	3/m²
9	Elaeagus x ebbingei	40-60	Branched	3L	3/m²
24	Hypericum 'Hidcote'	30-40	Bushy	3L	3/m²
9	Osmanthus x burkwoodii	30-40	Bushy	3L	3/m²
9	Rosa canina	60-80	Branched 1+1	В	3/m²
9	Sambucus nigra 'Aurea'	60-80	Branched 0+2	В	3/m²
9	Viburnum tinus 'Eve Price'	30-40	Bushy	31	3/m ²

Native Tree and Shrub Planting

Qty	Species	Mix%	Height (cm)	Specification	Pot size
35	Betula pendula	5	100-125	Feathered 2x	В
35	Cornus sanguinea	5	60-80	Branched 1+2	В
105	Corylus avellana	15	60-80	Branched 1+2	В
105	Crataegus monogyna	15	60-80	Branched 1+2	В
70	Euonymus europaeus	10	60-80	Branched 1+2	В
70	Ilex aquifolium	10	60-80	Leader with Laterals	3L
35	Juniperus communis	5	100-125	Single Leader	RB
70	Prunus spinosa	10	60-80	Branched 1+1	В
35	Rosa canina	5	60-80	Branched 1+1	В
35	Salix purpurea	5	60-80	Branched 0+1	В
70	Sorbus torminalis	10	60-80	1+2	В
35	Viburnum opulus	5	60-80	Branched 1+2	В

WASTE

RECEPTION

-1 no. Betula pendula (ms)

-1 no. Tilia cordata

3 no. Corylus avellana (ms)

-1 no. Pinus sylvestris

To be planted at 5 per linear meter at 0.3cm offsets in double staggered rows

Species	Height (cm)	Specification	Pot size
Prunus lusitanica	80-100	Branched	RB

Note: mixes to be planted in an evenly spaced but irregular pattern(i.e. no grids or lines) in single species groups with approximately 6-20 plants per group.

Revisions:

3 no. Corylus avellana (ms)

First Issue- 30/09/2016 LCH

A- (19/10/2016 LCH) Proposals amended to revised

Existing brick wall to be removed and

_2 no. Acer platanoides

replaced with paladin fencing (2m in height)

Native Tree and Shrub Mix

35 no. Cornus sanguinea 105 no. Corylus avellana

35 no. Juniperus communi 70 no. Prunus spinosa

105 no. Crataegus monogyna 70 no. Euonymus europaeus

35 no. Betula pendula

70 no. Ilex aquifolium

35 no. Rosa canina

35 no. Salix purpurea

70 no. Sorbus torminalis 35 no. Viburnum opulus

site layout

Planting Plan

Hams Hall, Faraday Avenue

Client: Kilbride Group

DRWG No: K.0173 27 Drawn by : LCH Date: 20/10/2016

Scale: 1:500 @ A3



Proposed trees

Proposed multi-stem trees

Proposed hedgerow

Footpath

Paladin fence

Proposed shrub planting

Proposed native tree and shrub

